INTERNATIONAL SEARCH REPORT

International application No.

A CLASSIFICATION OF SUPPLY TO THE PARTY.	PCT/JP2005/009656	
A. CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁷ H01S5/227		
According to International Patent Classification (IPC) or to both national classification	on and IPC	
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification system followed by classifi	ymbols) 1/31, 21/365, 21/469,	
Kokai Jitsuyo Shinan Koho 1971-2005 Toroku Jits	inan Toroku Koho 1996-2005 suyo Shinan Koho 1994-2005	
Electronic data base consulted during the international search (name of data base and,	, where practicable, search terms used)	
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category* Citation of document, with indication, where appropriate, of t	the relevant passages Relevant to claim No.	
Y JP 03-053582 A (NEC Corp.), 07 March, 1991 (07.03.91), Page 4, upper right column, line 6 to right column, line 13; Fig. 3 (Family: none)	1,8,11-16 2-7,9,10	
<pre>Y JP 2000-260714 A (NEC Corp.), 22 September, 2000 (22.09.00), Par. No. [0011]; Fig. 3 & US 6300153 B1</pre>	2-7	
JP 61-180493 A (Matsushita Electric Industrial Co., Ltd.), 13 August, 1986 (13.08.86), Fig. 2; page 3, upper right column, l lower left column, line 4 (Family: none)	line 7 to	
X Further documents are listed in the continuation of Box C. See pa	ntent family annex.	
Special categories of cited documents: A" document defining the general state of the art which is not considered to be of particular relevance E" carlier application or patent but published on or after the international filing date L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than	To later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention. "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone. "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.	
Date of the actual completion of the international search 30 June, 2005 (30.06.05) Date of maili 19 J	Date of mailing of the international search report 19 July, 2005 (19.07.05)	
ame and mailing address of the ISA/ Japanese Patent Office Authorized of	Authorized officer	
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